

PATENT

FRENCH PETROLEUM INSTITUTE

DEVICE FOR CONNECTING A PIPE THAT IS INTENDED FOR
HEATING AND/OR COOLING A PRESSURIZED REACTOR AND SAID REACTOR

Invention by Christian BUSSON, Éric LENGLLET, Luc NOUGIER,
Jacques ALAGY, Michel COHEN and Jean-Luc LE PEUTREC

ABSTRACT

Device for connecting a heat exchange pipe (4), whereby said pipe (4) is positioned between walls (11) that are located on both sides of pipe (4), intended for heating and/or cooling a reactor, whose internal pressure is considerably higher than the atmospheric pressure and than the pressure that prevails inside said pipe (4), and said reactor, whereby said device comprises a series of cooperating means that comprise: means for connecting this pipe (4) and jacket (2a) of said reactor, whereby said means comprise a packing box (21, 22, 23), a flange (28) that is attached to jacket (2a) of the reactor by means of a joint (18), a bellows (25) that is placed between packing box (21, 22, 23) and said flange (28) to ensure a relatively flexible connection between pipe (4) and jacket (2a) of the reactor.

Figure 3 to be published.